

# Converting Colors

Android(4281969794)

Have a look what the booklet for  
Android(4281969794) contains.

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**Color**

**Android(4281969794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39AC82
RGB	57, 172, 130
RGB Percent	22%, 67%, 51%
CMY	0.7765, 0.3255, 0.4902
CMYK	0.67, 0.00, 0.24, 0.33
HSL	158°, 50%, 45%
HSV	158°, 67%, 67%
XYZ	20.4691, 31.9866, 26.2143
YIQ	132.8270, -55.0580, -37.4420

# Conversions

## Conversions Part 2

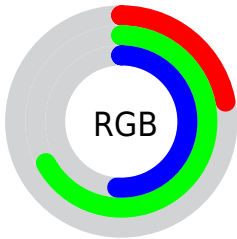
Format	Color
<a href="#">RYB</a>	<a href="#">57, 127, 172</a>
Decimal	<a href="#">3779714</a>
CIELab	<a href="#">63.33, -42.25, 12.36</a>
CIELCh	<a href="#">63, 44.016, 163.693</a>
Yxy	<a href="#">31.9866, 0.2602, 0.4066</a>
Android (android.graphics.Color)	<a href="#">4281969794</a> ( <a href="#">0xFF39AC82</a> )
YUV	<a href="#">132.8270, -1.3937, -66.5003</a>
Hunter-Lab	<a href="#">56.5567, -34.3711, 12.1085</a>

# Details

The Android color `4281969794` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289476963`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285916343`, and `4278220625` is the 20% darker color. If you saturate the color by 10%, you get `4280855676`, and if you desaturate by 10%, it is `4283083912`.

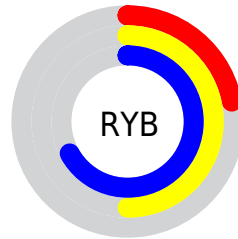
# Distribution



Red (22%)

Green (67%)

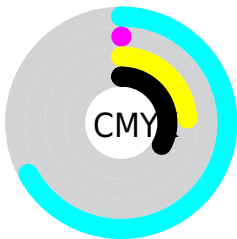
Blue (51%)



Red (22%)

Yellow (50%)

Blue (67%)

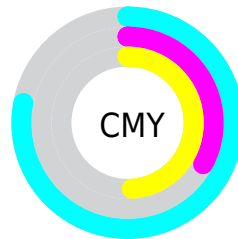


Cyan (67%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (78%)

Magenta (33%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281969794 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4281969794 by changing the saturation by 10% instead.





4281969794



4281969794

4294967295



4279144809



4285916343



4278220625



4287823827



4278213946



4289724399



4278207780



4291624959



4278201871



4293591039



4278195200



4278190080



4281969794



4281969794



4280855676



4283083912

■ 4279741557

■ 4284198031

■ 4278561903

■ 4285377685

■ 4278234221

■ 4286491803

■ 4287605921

■ 4288720040

■ 4289834158

■ 4291013812

■ 4292127931

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4285834847



4281969794



4278234795

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281969794



4286224357



4292641381

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4281969794



4289476963

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293163401



4281969794



4290021586

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4281969794



4278494180



4292312240



4291006541

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4281969794



4278234308



4292312240



4292902512



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4281969794



4290044112



4284722233



4283789414



4293980400



4285558896



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4281969794



4281196703



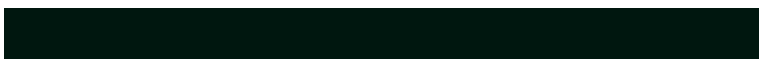
4281965996



4283324244



4278228576



4278195983



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4289476963



4292881774



4289480761



4283911761



4288020535



4279697416



# Previews

## White Background



This preview shows how the Android color 4281969794 looks on a white background.

## Color Contrast Check

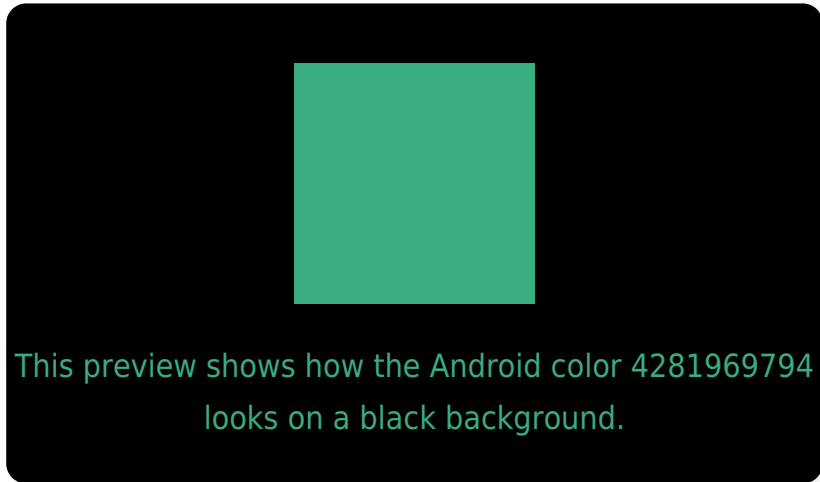
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281969794 Background



This preview shows how black text looks on a background with the Android color 4281969794.



This preview shows how white text looks on a background with the Android color 4281969794.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4281969794



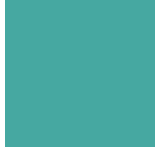
**Protanomaly**

4286357372



**Deuteranomaly**

4286815366



**Tritanomaly**

4282820769

# Monochromacy



**Original Color**

4281969794



**Achromatopsia**

4286940549



**Achromatomaly**

4285109124

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281969794 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(57, 172, 130)` looks like.

```
.text, #text, p{  
    color:rgb(57, 172, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(57, 172, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 172, 130) }
```

## Border

The CSS property to change the border of an element to Android 4281969794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 172, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(57, 172, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(57, 172, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 172, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 172, 130); box-shadow:4px 4px 4px 4px rgb(57, 172, 130) }
```

# Background

The CSS property to change the background color of an element to Android 4281969794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 172, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(57, 172,  
130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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